



This is to certify that

Joseph Santarcangelo

Data Scientist

IBM

Rashik Wasik

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.



Verified CertificateIssued February 10, 2021

Valid Certificate ID
2c923108d22d415dbc18771aa67794da